Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	12 November 2022
Team ID	PNT2022TMID19635
Project Name	Project – IOT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	I can sign up for the application as a user by providing my email address, password, and password confirmation.	4	High	SRIJA
Sprint-1	Confirmation Email	USN-2	When I register for the application as a user, I will get a confirmation email.	4	High	PATHMAVASAN
Sprint-1	Authentication	USN-3	I can sign up for the application as a user using Gmail and a mobile app.	4	Medium	PRADEEP
Sprint-1	Login	USN-4	I can access the application as a user by providing my email address and password.	4	High	PRAVEEN
Sprint-1	Dashboard	USN-5	I must be able to see the actions that I can take as a user.	4	High	PATHMAVASAN
Sprint-2	Notification	USN-1	I should be allowed to alert my parents and legal guardians in an emergency as a user.	10	High	SRIJA
Sprint-2	Store data	USN-2	I must continually enter my location information into the database as a user.	10	Medium	PRAVEEN
Sprint-3	Communication	USN-3,1	I must be able to speak with my parents.	6	Low	PATHMAVASAN,PRADEEP

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	IoT Device – Watson communication	USN-1,4	The IBM Cloud should receive the data from IoT devices.	7	Medium	SRIJA, PRAVEEN
Sprint-3	Node RED- Cloudant DB communication	USN-5,2	The Cloudant DB should be appropriately connected with the IBM Cloud's data.	7	High	PATHMAVASAN, PRADEEP, PRAVEEN
Sprint-4	User – WebUI interface	USN-1,4	The user's input should be collected via the Web UI.	6	High	PATHMAVA SAN, PRADEEP
Sprint-4	Geofencing	USN-2,3,5	Based on the child's GPS coordinates, geofencing should be implemented.	7	High	SRIJA, PATHMAVASAN, PRADEEP, PRAVEEN